

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 72-87

WASTE DISCHARGE REQUIREMENTS
FOR
L M VINEYARD
NAPA COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region, finds that:

- A. L M Vineyard submitted a report of waste discharge dated June 21, 1972, for a proposed winery located approximately 1.5 miles south of the City of Calistoga and situated on the south side of Dunaweal Lane approximately 800 feet east of Highway No. 29.
- B. That report describes the waste discharge as follows:

Waste "A" will be about 1,000 gallons per day (gpd) of combined sewage and industrial waste. The sewage flow of 150 gpd will be from about three employees and the industrial waste flow will be approximately 850 gpd of wash-down water from wine making, including waste from crushing operations in addition to that from storage and bottling procedures. The combined waste flow will be discharged into a disposal system consisting of two 1200 gallon septic tanks and 945 linear feet of sub-surface leaching fields situated on the premises.

- C. The Board adopted an Interim Basin Plan for San Francisco Bay in June, 1971.
- D. The beneficial uses of the Upper Napa Valley Groundwater Basin as set forth in the Interim Basin Plan include:

Domestic water supply

Agricultural water supply

- E. The beneficial uses of the Napa River as set forth in the Interim Basin Plan include:

Wading

Sport Fishing

Migratory routes for spawning runs of steelhead trout

Spawning and nursery areas for steelhead and rainbow trout

Agricultural water supply for stock watering and irrigation

Esthetic enjoyment

- F. The requirements hereinafter prescribed are necessary to implement the Basin Plan for San Francisco Bay, protect the beneficial uses of the Upper Napa Valley Groundwater Basin and the Napa River and prevent nuisance.
- G. Land within 2000 feet of the discharge is used for agriculture, residence, transportation and recreation.
- H. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the proposed discharge.
- I. The Board, in a public meeting on October 26, 1972, heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED, L M Vineyard shall comply with the following:

A. Discharge Specifications

- 1. The treatment or disposal of waste "A" shall not create a nuisance as defined in Section 13050(m) of the California Water Code.
- 2. The disposal of waste "A" shall not cause degradation of groundwater suitable for domestic use or cause an increase in any quality parameter that would make groundwater unsuitable for irrigation usage.

B. Discharge Prohibitions

- 1. Waste "A" shall be effectively contained beneath the ground surface at all times. The re-surfacing of waste and drainage into surface waters is prohibited.

C. Provisions

- 1. This Order includes items 1 and 6 of the attached "Reporting Requirements" dated September 11, 1972.
- 2. This Order includes items numbered 1 through 6 of the attached "Notifications" dated January 6, 1970.

I, Fred H. Dieker, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on October 26, 1972.

Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

September 11, 1972

REPORTING REQUIREMENTS

1. This Board requires the discharger to file technical reports on self-monitoring work performed according to detailed specifications developed pursuant to the Regional Board's Resolution No. 70-43. (Reference: Sections 13267(b) and 13268, California Water Code.)

2. This Board requires the discharger to file a written report within 90 days after the average dry-weather waste flow for any month equals or exceeds 80% of the design capacity of his waste treatment and/or disposal facilities. The discharger's senior administrative officer shall sign a letter which transmits that report and certifies that the policy-making body is adequately informed about it. The report shall include:

Average daily flow for the month, the date on which the instantaneous peak flow occurred, the rate of that peak flow, and the total flow for that day.

The discharger's best estimate of when the average daily dry-weather flow rate will equal or exceed the design capacity of his facilities.

The discharger's intended schedule for studies, design, and other steps needed to provide additional capacity for his waste treatment and/or disposal facilities before the waste flow rate equals the capacity of present units. (Reference: Sections 13260, 13267(b) and 13268, California Water Code.)

3. This Board requires the discharger to file a time schedule for engineering studies on facilities needed to comply with the Board's receiving water objective of 5.0 mg/l of dissolved oxygen and/or to file a time schedule for deciding upon the feasibility of participating in regional water quality control systems, if he does not meet that dissolved oxygen objective after providing waste treatment facilities which comply with the effluent BOD requirement prescribed elsewhere in this Resolution. (Reference: Sections 13267(b) and 13268, California Water Code.)
4. This Board requires the discharger to file technical reports on studies into correcting violations of the Board's water quality objectives caused by discharging combined storm water and sewage. Specifications for these studies shall be developed pursuant to the Board's Resolution No. 70-43. (Reference: Sections 13267(b) and 13268, California Water Code.)
5. This Board requires the discharger to file written reports within 15 days after each calendar quarter to include:

Name of and number of lots in each subdivision for which an application has been received for connection to the sewerage system. Anticipated date of connection of each subdivision to the sewerage system.

Finding and supporting data by governing body on effect of addition of each subdivision on violation of waste discharge requirements.

(Reference: Section 11551.6 Business and Professions Code and Sections 13267(b) and 13268, California Water Code.)

6. This Board requires the discharger to file a report on waste discharge at least 120 days before making any material change or proposed change in the character, location or volume of the discharge. (Reference: Sections 13260(b) and 13264, California Water Code.)
7. This Board requires the discharger to file a written technical report at least 15 days prior to advertising for bids on any construction project which would cause or aggravate the discharge of waste in violation of these requirements; said report to describe the nature, costs, and scheduling of all actions necessary to preclude such discharge. In no case should any discharge of sewage bearing wastes be permitted without at least primary treatment and chlorination. (Reference: Sections 13267(b) and 13268, California Water Code.)
8. This Board requires the discharger to file, within 90 days after the date of this Order, a technical report on his preventive (fail-safe) and contingency (cleanup) plans for controlling accidental discharges, and for minimizing the effect of such events. The plan should:

Identify the possible sources of accidental loss, untreated waste bypass, and contaminated drainage. Loading and storage areas, power outage, waste treater outage, and failure of process equipment, tanks and pipes should be considered.

Describe facilities and procedures needed for effective preventive and contingency plans.

Give the date on which such facilities as now exist became operational, and the schedule for those to be provided.

Evaluate the effectiveness of present facilities and procedures.

Predict the effectiveness of the proposed facilities and procedures.

(Reference: Sections 13267(b) and 13268, California Water Code.)

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

January 6, 1970

NOTIFICATIONS

1. This Board requests the discharger to take note of the comments and recommendations contained in all the correspondence the Board has received and considered concerning this matter, and the Executive Officer is directed to transmit copies of that correspondence to the discharger.
2. This Board considers "Waters of the State" as defined in Section 13050(e) of the California Water Code to include waste waters over which the discharger has lost control.
3. The requirements prescribed herein do not authorize the commission of any act causing injury to the property of another, nor protect the discharger from his liabilities under Federal, State, or local laws, nor guarantee the discharger a capacity right in the receiving waters.
4. This Board will prescribe more restrictive requirements for this waste discharge if necessary:
 - To achieve or maintain dissolved oxygen concentration of at least 5.0 mg/l in tidal waters of the San Francisco Bay System pursuant to Resolution No. 67-30,
 - To protect shellfishing areas which the Board designates pursuant to Resolution No. 803,
 - To protect the beneficial water uses, and to achieve other objectives adopted in the resolutions cited above.
5. This Board will review these requirements periodically, as required by law, and will notify the responsible persons before doing so. (Reference: Section 13263(e), California Water Code.)
6. The water quality parameters used in this resolution are as defined in the latest edition of "Standard Methods for the Examination of Water and Wastewater" by the American Public Health Association.
7. The discharger is advised that this Board will use the general concepts of Phase I of the plan recommended by the Final San Francisco Bay-Delta Program Report as guidelines in reviewing any application for construction grants for sewerage facilities proposed to comply with these requirements, and if the discharger intends to make such application he must demonstrate the compatibility of the proposed facilities with the general concepts of the Bay-Delta Program.